

DATA ANALYST

EDUCATION

Wake Forest University School of Business, Winston-Salem, NC | Master of Science in Business Analytics, May 2026
Finance Club Member

University of Kentucky, Lexington, KY | Bachelor of Arts in Foreign Language and International Economics, May 2024
Honors: *Cum Laude*, Dean's List, GPA: 3.56

AREAS OF EXPERTISE

SQL & Data Querying | Data Management | Data Cleaning | Exploratory Data Analytics | Statistical Analysis | KPI Dashboards
Financial Modeling | Predictive & Prescriptive Analytics | Model Deployment | Pricing & Liquidity | Performance Monitoring
Data Storytelling | Structured Reporting | Cross-Functional Collaboration | Business Communication | Optimization Techniques
English (Native) & Mandarin (Working Proficient) | Financial Planning & Analysis | Model Development | Adaptive Thinking |

TECHNICAL PROFICIENCY

Programming & Analytics: Python (Pandas, NumPy, Scikit-learn), SQL (joins, aggregations, CTEs), Jupyter Notebooks
Data Visualization & Reporting: Tableau, Power BI, Excel (Advanced), Google Sheets
Machine Learning & Statistical Methods: Linear/Logistic Regression, Decision Trees, Gradient Boosting, Clustering, Neural Networks, Time Series Forecasting, Cross-Validation
Collaboration & Productivity: Microsoft Office Suite (Word, PowerPoint, Teams), Google Workspace, Slack
Industry Relevant Coursework: Cost-Benefit Analysis, International Trade Theory & Policy, Advanced Mandarin for Professional Communication, Decision Modeling, Machine Learning & Predictive Analytics, Data-Driven Storytelling & Visualization

PROFESSIONAL EXPERIENCE

American Councils for International Education

TAIWAN INTENSIVE LANGUAGE PROGRAM

AUG 2024 – DEC 2024

- Completed a semester of advanced Mandarin training with 20+ weekly instructional hours emphasizing professional, financial, and business vocabulary
- Delivered 10-minute oral reports and presentations in Mandarin on economic and financial literacy topics, demonstrating strong business communication and public speaking skills
- Developed cross-cultural negotiation and problem-solving skills through role-play and case-study discussions

ALUMNI AMBASSADOR

AUG 2023 – MAY 2024

- Led liaison efforts between American Councils and prospective students, fostering alumni engagement and promoting study abroad programs, ultimately building trust and strong connections on behalf of American Councils
- Coordinated outreach campaigns to boost program visibility and student interest, leveraging a toolkit for engagement.
- Delivered personalized guidance and advising client services for prospective student inquiries to support informed decision-making for international education

ANALYTICAL PROJECT EXPERIENCE

University of Kentucky Cost Benefit Analysis Project: Analyzed Kentucky's proposed paid parental leave policy by identifying key stakeholders and assessing fiscal, social, and workforce impacts. Modeled costs (wage replacement, administrative implementation) and benefits (reduced turnover, improved maternal and infant health outcomes, stronger employee retention) using Excel-based sensitivity analysis, producing policy recommendations that emphasized net positive outcomes.

Wells Fargo Consumer, Small and Business Banking Job Simulation on Forage: Analyzed customer data to align clients with appropriate Wells Fargo CSBB divisions, such as recommending Business Deposit Accounts for small business owners or financial education resources for underserved communities. Delivered targeted solutions to enhance customer experience and business performance, demonstrating strengths in core business practices and financial analysis, segmentation strategy, and client-focused decision-making.

PwC US Management Consulting Job Simulation on Forage: Applied financial modeling, qualitative research, and structural analysis to a simulated transaction diligence engagement, highlighting synergy potential through a three-slide presentation, a dynamic model with adjustable assumptions, and a concise executive email summarizing key findings.

Goldman Sachs Internal Audit Job Simulation on Forage: Conducted internal audits across Goldman Sachs' Global Banking & Markets division, identifying key control gaps in trade execution, credit risk assessment, and AML compliance. Analyzed discrepancies in 7.5% of trades on the Fixed Income Trading Desk, linked to \$500K in losses, and recommended system-level improvements.

ADDITIONAL WORK HISTORY

University of Kentucky Campus Recreation

BUILDING SUPERVISOR, Aug 2023 – May 2024 | BUILDING ASSISTANT, Dec 2022 – Aug 2023

- Managed daily operations of a high-traffic campus recreation facility, ensuring smooth coordination across scheduling, maintenance, and staff activities; evaluated organizational performance to enhance service delivery for overall welfare
- Collaborated with campus departments and external vendors to coordinate repairs, security procedures, and logistics, optimizing organizational processes while encouraging extracurricular activities